

Brian D. Ogonowsky

Carmen C. Cook

David C. Hsia

Rachel V. Leiterman

August 9, 2005

Commissioner for Patents
P. O. Box 1450
Alexandria, VA 22313-1450

Re: Applicant(s): George R. Cameron, Hueichian Huang
Assignee: 3PARdata, Inc.
Title: Efficient And Reliable Virtual Volume Mapping
Serial No.: 10/655,963
Examiner: Not yet assigned Filed: September 4, 2003
Docket No.: 3PD-M-8498 US Group Art Unit: 2186

Dear Sir:

Transmitted herewith are the following documents in the above-identified application:

- (1) Return Receipt Postcard;
- (2) This Transmittal Letter;
- (3) Information Disclosure Statement (1 page);
- (4) Forms PTO/SB/08A and PTO/SB/08B citing twelve (12) references;
- (5) Five (5) cited references;
- (6) Copies of the cited US Patents and US Publication are not enclosed as the requirement under 37 CFR 1.98 (a)(2)(i) is waived.

No additional fee is required.
 The fee has been calculated as shown below:

<input type="checkbox"/>	Please charge our Deposit Account No. 502226 in the amount of	\$	0.00
<input checked="" type="checkbox"/>	Conditional Petition for Extension of Time: If an extension of time is required for timely filing of the enclosed document(s) after all papers filed with this transmittal have been considered, an extension of time is hereby requested.		
<input checked="" type="checkbox"/>	The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 502226.		
Total: \$			0.00

I hereby certify that this correspondence is being deposited with the United States Postal Service as First Class Mail in an envelope addressed to: Commissioner For Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on August 9, 2005.

Attorney for Applicant(s)

8/9/05
Date of Signature

Respectfully submitted,

David C. Hsia
Attorney for Applicant(s)
Reg. No. 46,235



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): George R. Cameron, Hueichian Huang
Assignee: 3PARdata, Inc.
Title: Efficient and Reliable Virtual Volume Mapping
Serial No.: 10/655,963 Filing Date: September 4, 2003
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San Jose, California
August 9, 2005

Commissioner for Patents
P. O. Box 1450
Alexandria, VA 22313-1450

**INFORMATION DISCLOSURE STATEMENT
UNDER 37 CFR § 1.97(b)**

Dear Sir:

Pursuant to 37 C.F.R. § 1.56, § 1.97 and § 1.98, the documents listed on the accompanying form PTO/SB/08A and PTO/SB/08B are called to the attention of the Examiner for the above patent application. Copies of the articles are enclosed. Copies of the cited US Patents and US Publication are not enclosed as the requirement under 37 CFR 1.98 (a)(2)(i) is waived.

Citation of these documents shall not be construed as:

1. an admission that the documents are necessarily prior art with respect to the instant invention;
2. a representation that a search has been made; or
3. an admission that the information cited herein is, or is considered to be, material to patentability as defined in § 1.56(b).

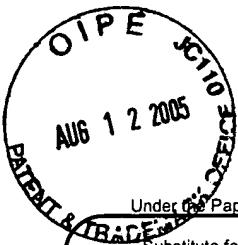
I hereby certify that this correspondence is being deposited with the United States Postal Service as First Class Mail in an envelope addressed to: Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450, on August 9, 2005.

Attorney for Applicant(s)

Date of Signature

Respectfully submitted,

David C. Hsia
Attorney for Applicant(s)
Reg. No. 46,235



PTO/SB/08A (08-03)

Approved for use through 07/31/2006. OMB 0651-0031
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Substitute for form 1449/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

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of

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Complete if Known	
Application Number	10/655,963
Filing Date	September 4, 2003
First Named Inventor	George R. Cameron
Art Unit	2186
Examiner Name	Not yet assigned
Attorney Docket Number	3PD-M-8498 US

U. S. PATENT DOCUMENTS

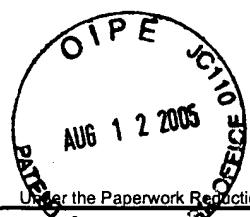
FOREIGN PATENT DOCUMENTS

Examiner Signature		Date Considered	
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***EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.



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Substitute for Form 1449 TO

Complete if Known**INFORMATION DISCLOSURE STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet

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NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		Suresh B. SIDDHA et al., "A Persistent Snapshot Device Driver for Linux", published 9-13-01, downloaded from http://www.linuxshowcase.org/full_papers/siddha/siddha_html/index.html on 5-15-02. 4 pages.	
		Dave HITZ et al., "File System Design for an NFS File Server Appliance", paper downloaded from http://www.netapp.com/tech_library/3002.html on 9/30/02, 13 pages.	
		"Snapshot Feature", LSI Logic Storage Systems, SANtricity brochure, 2 pages.	
		"The Enterprise Challenge Served by Snapshot", Whitepaper, LSI Logic Storage Systems, pp. 1-8.	
		Suresh B. SIDDHA et al., "A Persistent Snapshot Device Driver for Linux", Proceedings of the 5th Annual Linux Showcase & Conference, Oakland, CA, USA, November 5-10, 2001	

Examiner Signature	Date Considered
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1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.